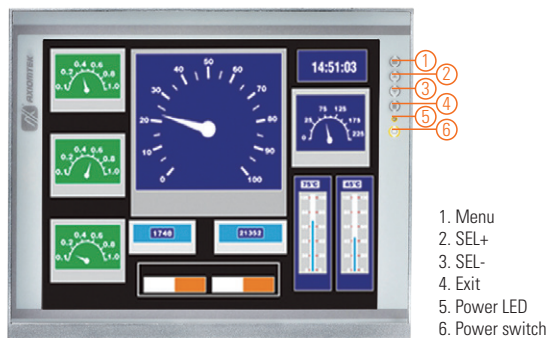# P6171-V2

17" SXGA TFT Industrial LCD Monitor
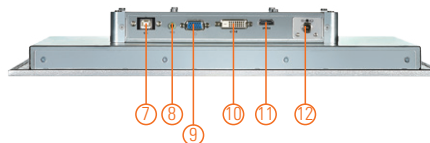
Features

- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- HDMI, DVI-D and VGA with multi signal inputs

1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch

▲ Ultra-slim mechanism design

7. RS-232 or USB for Touch
8. Line-in
9. VGA
10. DVI-D
11. HDMI
12. Screw type or Phoenix type power input

Introduction

The P6171 is an ultra slim industrial LCD monitor, which adopts 17-inch 250 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, DisplayPort and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-in means it is fit for all kinds of industrial environments. Moreover, the P6171 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

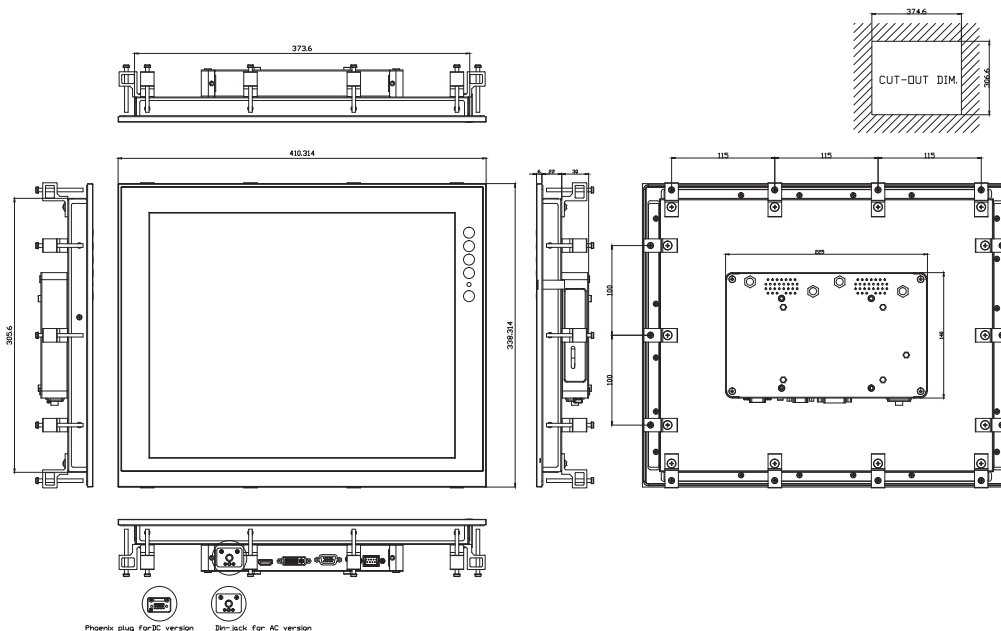| Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rackmount or VESA arm FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	17" SXGA TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2 M
	Active Area (mm)	337.92 x 270.33
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	5ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m^2)	250 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)	
Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface	

Specifications

I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	24W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35 million touches Controller Interface: RS-232 D-type 9-pin male connector or USB
Dimensions	410.31 mm (16.15") (L) x 58 mm (2.28") (H) x 338.31 mm (13.32") (W)	
Packing Dimensions	510 mm (20.08") (L) x 532 mm (20.94") (H) x 186 mm (7.32") (W)	
Weight (net/gross)	3.8 kg (8.38 lb)/6.56 kg (14.46 lb)	
Operating Temperature	0°C to +45°C (+32°F to +113°F)	
Relative Humidity	20% to 90% @ +40°C, non-condensing	
Certifications	CE	

Packing List

1 x P6171 unit
1 x VGA cable
1 x USB cable or RS-232 cable (for resistive touch version only)
1 x Adaptor (for AC version only)
1 x Audio cable
1 x Driver CD

Ordering Information

AC Power	Resistive (RS-232)	P6171PR-AC-RS-US-EU-V2
	Resistive (USB)	P6171PR-AC-U-US-EU-V2
12V/24VDC Power	Resistive (USB)	P6171PR-24VDC-U-V2
	Glass	P6171PG-24VDC-V2

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable
82231770050E	Wall mount kit
82261710120E	Panel mount kit
82261710170E	Rack mount kit
E221177116	Desktop stand for 15.6" to 21.5"

*Specifications and certifications may vary based on different requirements.

Dimensions

Phoenix plug for DC version   Din-jack for AC version

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Axiomtek](#):
  [P6171PG-24VDC-V2](#) [P6171PG-AC-US-EU-V2](#) [P6171PR-24VDC-RS-V2](#) [P6171PR-24VDC-U-V2](#) [P6171PR-AC-RS-US-EU-V2](#) [P6171PR-AC-U-US-EU-V2](#)